



Annual Report

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Massachusetts Fire Training Council

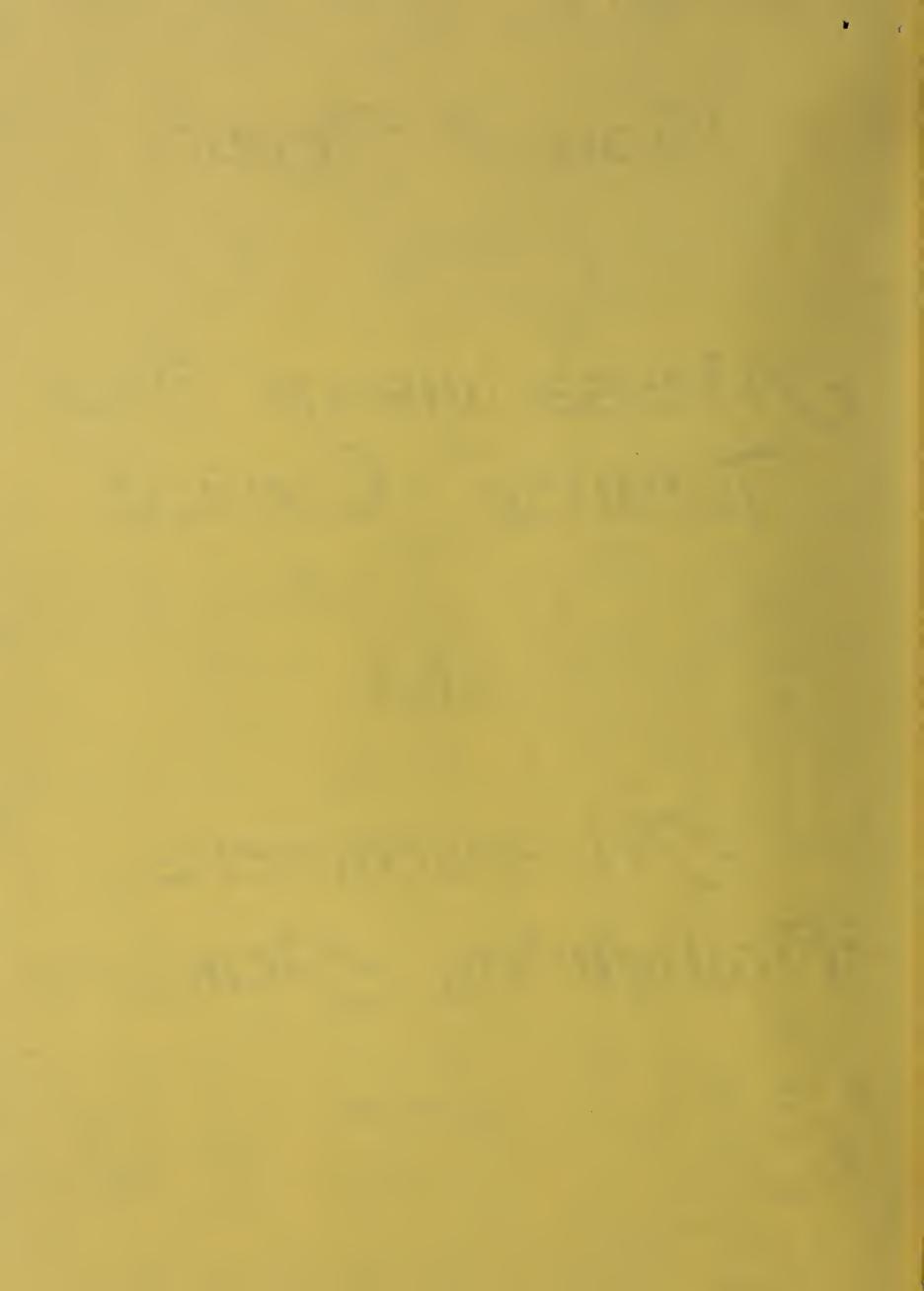
and

Massachusetts Firefighting Academy



FISCAL YEAR 1978





MASSACHUSETTS FIRE TRAINING COUNCIL



The Commonwealth of Massachusetts Department of Education

59 Horse Pond Road, Sudbury, Massachusetts 01776

(617) 443-8926

Charles T. Grigsby, Chairman Massachusetts Board of Education 31 St. James Avenue Boston, MA 02116

This year has seen a number of milestones for the fire service community in the Commonwealth of Massachusetts, and the Fire Training Council continues to be a part of that progress. The following pages of the Annual Report speak for themselves.

However, it is important to note that two major issues, implicitly tied together, became the most significant landmarks of the Councils year. The first was selection of a new Chief of Fire Training for the Commonwealth, to direct the operation of the Massachusetts Firefighting Academy. The Council, realizing the importance of the choice of a new Chief as to its impact on the Fire Service of Massachusetts, asked for and was granted by the Department of Education, the opportunity for input and review of perspective applicants for the position.

Joseph L. Donovan had the fire service, educational, administrative background and, additionally, in his position as Project Director for the federal grant to develop a "Model Statewide Fire Training and Education Plan" of the National Fire Prevention and Control Administration, displayed a willingness and ability to work and cooperate with all concerned in the fire problem. As Chief of Fire Training, he has continued that effort. The results of that effort are obvious in this Annual Report and in the final draft of the report of the grant.

The second major issue is our belief that there is a new atmosphere of cooperation among this state agency and other state agencies, municipal governments, and industry as well as the fire service, which we believe will continue to thrive in the future.

Yours very truly,

Morton D. Shurtleff

Chairman of Training Council

MDS/ejt

cc: Dr. Gregory B. Anrig, Commissioner of Education

Dr. David Cronin, Associate Commissioner of Education



In 1971, Chapter 842 established a Massachusetts Fire Training Council, a Bureau of Fire Training in the Division of Occupational Education, and a Massachusetts Firefighting Academy. At that time the Training Council was charged with consulting with and advising the Bureau of Fire Training in the following topics: the establishment of a minimum firefighting training standard for recruit firefighters as well as minimum training curriculum for all other levels of fire service personnel; minimum requirements for instructors employed in the Bureau of Fire Training; Academy locations, both central and regional; and establishing standards and procedures for facilities conducting training under the Bureau of Fire Training.

Major effort this fiscal year was directed towards continuing the interaction of a great number of people and organizations within the Commonwealth having an interest in the fire problem. The most visible example of this was during the work on the Federal grant. Work was completed on the final draft of the "Model Statewide Plan to Provide the Education and Training Required to Implement the Professional Qualification Fire Service Standards", and the report was forwarded to the National Fire Academy of the National Fire Prevention and Control Administration in June for final approval. Those who worked on committees include members from the fire service, insurance industry, academic community, private industry, and municipal leaders. A copy of the Executive Summary from the document is included in this report.

An initial meeting was held with representatives of various community colleges and state colleges from throughout the Commonwealth and also with representatives from the University of Massachusetts, to develop much needed interaction with all entities in fire service training and education. The goal of this

meeting was to continue discussion and cooperation for the benefit of the Commonwealth's firefighters.

Training Council representatives have worked closely with all of the State's fire service organizations as well as National fire service organizations. This has allowed for greater cooperation amongst the various fire service interests as well as provided the Fire Training Council with the ability to keep abreast of new ideas and trends within the field.

In the area of Hazardous Materials, the Massachusetts Fire Training Council and the Massachusetts Firefighting Academy continued their efforts for effective training. Cooperation between the Fire Training Council and the Gas Industry has resulted in an LNG and LPG Fire Training Facility, due for completion in the fall of this year, which will allow the Massachusetts Firefighting Academy to train the fire service as well as industrial personnel in the safest, most effective manner to handle flammable gas incidences.

The Massachusetts Firefighting Academy, on January 1. 1978, was given final authorization by Governor Dukakis to rent the Horse Pond Road School from the Town of Sudbury. The building is now utilized as administrative head-quarters and classroom facilities, while the State Road facility in Stow continues its use as a basic training, maintenance, and storage facility. Unfortunately our use of the Waltham Smoke Tower, a facility so necessary to hands-on training, was curtailed in late spring due to environmental problems. The Boston Fire Department kindly allowed us the interim use of their facility on Moon Island. Again, this continues to emphasize the need for a central fire training facility.

The Chief of Fire Training, with approval from the Fire Training Council, has held meetings with many local and regional organizations in a further effort at cooperation between the Massachusetts Firefighting Academy and the local fire service in the idea of regional training facilities throughout the Commonwealth.

In accordance with the Massachusetts Fire Training Council's charge to assist and advise in the establishment of minimum standards for training for all levels of fire service personnel and specifically for recruit firefighters, a large effort was made during the work of the 5-year plan to review the standards as they relate to the needs of the Commonwealth and to upgrade them where necessary. Training curriculum has been, and will continue to be worked on so as to address these standards. Further work was done towards the establishment of minimum requirements by the Fire Training Council's support of an "Act Relative to the Mandatory Training of Firefighters", Senate bill 916 filed by Senator Chester G. Atkins. In addition, with the Fire Council's approval, the Massachusetts Firefighting Academm's instructors' qualifications have been upgraded to meet the National Professional Qualification Stnadard 1041, "Fire Service Instructor Professional Qualifications". Therefore, the Massachusetts Firefighting Academy's Fire Instructors' Course was upgraded to meet 1041 - Level I. Development has been undertaken to establish a course to meet Level II of that standard.

The most important milestone in the Fire Training Council's year was the search for a new Chief of Fire Training. Edward H. McCormack, Jr., formerly Chief of Fire Training, retired as of September 15, 1977. It was believed that in order to assure the continuity of the Massachusetts Firefighting Academy, an interim Chief would be named. Deputy Chief of Fire Training Francis E. Winslow

was assigned as Acting Chief of Fire Training until a formal appointment was made. As representatives of the fire service, the Fire Training Council felt it imperative that they have input into the selection of a new Chief of Fire Training, since the position has such an impact on those who deliver the services, namely the local fire departments. After meetings with the Commissioner of Education, Dr. Gregory Anrig and Associate Commissioner, Dr. David Cronin, a selection committee was formed within the Training Council comprised of Morton D. Shurtleff, Chairman, Deputy Chief, Brockton Fire Department, and Robert C. Blomquist, Director of Community Safety, Arlington, for the purpose of reviewing applications and interviewing applicants for the position. At the same time the Massachusetts Institute of Fire Department Instructors expressed their interest in the selection process. Therefore, two members of MIFDI, John D. Bergeron, Chief, Lexington Fire Department, and Richard C. Cully, Deputy Chief, Cambridge Fire Department, along with the selection committee of the Fire Training Council were involved in the final screening of the seven applicants. Joseph L. Donovan was unanimously recommended by this selection committee and in December of 1977 was formally appointed as Chief of Fire Training by the Board of Education.

Since his appointment as Chief of Fire Training, Joseph L. Donovan has served on a number of committees. Included is the Governor's Arson Commission along with Assistant Chief John Harrington. In May of 1978 he was appointed by Lt. Governor Thomas P. O'Neil III to the Arson Prevention Task Force. He was appointed to Co-Chair the Education Committee of the Fire Chiefs Association of Massachusetts and elected Secretary/Treasurer of Massachusetts Joint Council of Fire Service Organizations. He also participated in the National Fire Prevention and Control Administration (NFPCA) Project for determining the National Policy for Fire Protection Research and Development.



The Commonwealth of Massachusetts Department of Education

59 Horse Pond Road, Sudbury, Massachusetts 01776

(617) 443-8926

Morton D. Shurtleff, Chairman Massachusetts Fire Training Council 59 Horse Pond Road Sudbury, Ma 01776

It is my privilege to be able to present my first Annual Report of the Massachusetts Firefighting Academy, since my appointment as Chief of Fire Training for the Commonwealth in December 1977.

Fiscal year 1978 was a very eventful and successful year for the academy. This report proves that in a brief but narrative and statistical review.

What it is not able to show graphically enough is the total commitment and framework of the personnel of the academy to its mission during the transaction from the unexpected retirement of Edward H. McCormack, Jr., as Chief of Fire Training in September, to my appointment. Words cannot say enough about this commitment, nor can they say enough about what you and the other members of the Fire Training Council, as well as the organizations you represent, did to help us through this period. All I can say is thank you all.

I do want to emphasize that the Academy will continue to aid, support, and supplement the local fire service by stretching our limited reserves as far as possible. We will also try and continue the dialogue and interaction begun under the aegis of the "Master Plan", of all entities involved in fire problems as no one entity can do it alone.

Please accept this report as a report of progress.

Sincerely,

Joseph L. Donovan

Chief of Fire Training

Joseph L. Honova

JLD/ejt



MASSACHUSETTS FIREFIGHTING ACADEMY FISCAL YEAR 1978 July 1977 -- June 1978

TOTALS	PROMOTIONAL EXAMS	ENTRY EXAMS	PHYSICAL EXAMS	NATIONAL FIRE ACADEMY	SPECIAL PROGRAMS	POLICE/ CORRECTIONAL	INDUSTRIAL	REGIONAL	IN-SERVICE	RECRUIT	PROGRAM
518	w		70		Oi	ဟ	4	124	300	ហ	NUMBER OF COURSES
11946	ಹ	52	2455 Tested	25	475	178	87	3918	4618	120	NUMBER
3795		0 11 0 0	0	* * * *	475	178	87	2939	* *	-75	NUMBER OF CERTIFICATES AWARDED
4592	<u></u>	200 000 000			321	178	* * *	1520	2437	 co	NUMBER OF PERMANENT PERSONNEL
61,926	72		2	15 Ca 65 Ca	1,605	2,028		17,870	7,311	33,040	PERMANENT CONTACT HOURS
3384	8 -		85 80 W	8	27	8	the san can	2049	1768	22*	NUMBER OF CALL PERSONNEL
562	1		1	1	U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		332	225		NUMBER OF VOLUNTEER PERSONNEL
2762	1	52	2296		122		87	17	188.		NUMBER OF OTHER OR UNSPECIFIED
41,978		156	4,592		770		1,407	27,950	6,543	560	CALL/VOLUNTEER/ OTHER CONTACT HOURS
104,814	72	156	4,592	600	2,685	2,028	1,407	45,820	13,854	33,600	TOTAL CONTACT HOURS

^{*} Both men were call personnel during the duration of the recruit class and were assigned as permanent upon completion of the program.

*** Certificates of completion are not awarded.

**** Breakdown by permanent, call, or volunteer not applicable.

******Certificates awarded by National Fire Academy.

RECRUIT TRAINING PROGRAM

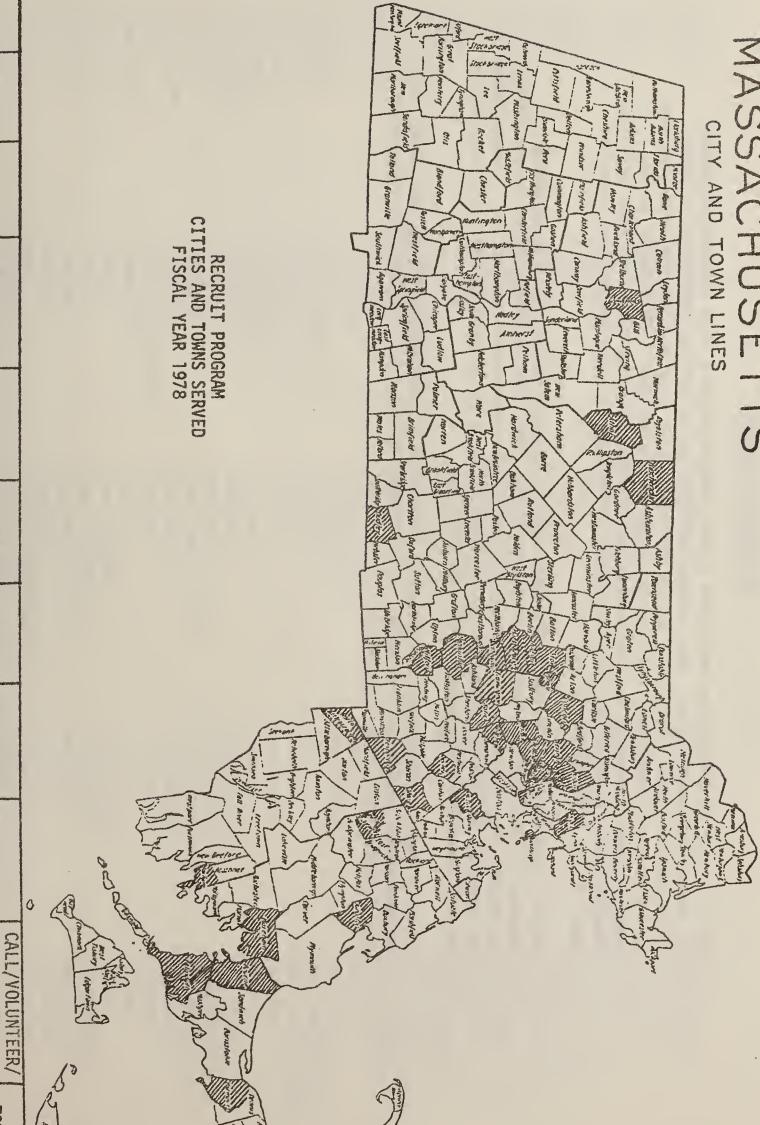
Professional Fire Service Standard 1001, Firefighting Professional Qualification. Currently, The program is designed to establish a level of proficiency in accordance with the National free of charge, to those departments in the Commonwealth electing to send their personnel. the program provides the student with the knowledge, given time and expertise on the job, The Massachusetts Firefighting Academy offers a 280 hour program in basic firefighting, to meet Level II of the standard.

of supporting untrained firefighters, who through lack of knowledge have injured themselves, In these days of increased awareness of cost effectiveness, the minimal initial investment of seven weeks out of the department while at recruit training, is far less than the cost their fellow workers, or their public.

Cities and Towns Served

North Attleborough West Bridgewater Southborough Winchendon Winchester Stoughton Wellesley Winthrop Waltham Wareham Milford Norwood Weston Natick Milton Saugus Woburn Stow Marlborough Framingham Foxborough Greenfield Arlington Cambridge Fairhaven Hopkinton Lexington Falmouth Kingston Belmont Concord Bourne Hudson Dudley Atho1

MASSACHUSE



RECRUIT PROGRAM

UI

120

NUMBER

NUMBER

CERTIFICATES AWARDED

NUMBER OF

NUMBER OF PERMANENT

PERMANENT CONTACT HOURS

PERSONNE

NUMBER OF CALL

NUMBER OF VOLUNTEER PERSONNEL

UNSPECIFIED OTHER OR NUMBER OF

CONTACT OTHER

TOTAL CONTACT HOURS

560

33,600

33,040

PERSONNEL 300

IN-SERVICE PROGRAM

to secure that end. In short, one or two hour slide programs accompanied by student state's fire service, a growing awareness of smoke detectors enabling them to better In an effort to provoke an awareness in the Commonwealth's fire service community counsel their communities, and the dangers of plastics, more and more an integral of advancing technologies, the Academy provides an In-Service program as a means handouts and discussions, this program has, in Fiscal Year 1978 brought to the part of our living environment.

tremendous ability to reach all segments of the fire service community in Massachusetts. It should not, however, be mistaken for full-scale comprehensive training. The program is designed to merely introduce the firefighter to a given problem and in no way should As with the Academy's Regional Program, the In-Service Program has demonstrated a be substituted for necessary follow-up training.

In that light, development is now under way and will continue in Fiscal Year 1979, for an awareness program on the topics of Car fires, Natural Gas Transmission Incidences, and Hazardous Material Incidences.

Cities And Towns Served by In-Service Program

Ware

Wareham

Upton Uxbridge

Tyringham

Waltham

Truro

	Calmiting Coll		Conway	Concord	Clarksburg	Chenter	Cheshire	Chelmsford	Chatham	Charlemont	Canton	Burlington	Buckland	Brookline	Brookfield	Brockton	Bridgewater	Brimfield	STEWSCET	braintree	boxrora	prancrord	blackscone	Se Leont	pertringham	BOOKET The Company	o di	Barnstable	Attleborough	Athol	Ashland	Ashfield	Arlington	Alford	Agawam	Adams	Acushnet	Acton
	HOLden	NOTOLOGK	Tre corre				na n	Hamilton	Groton		Great Barrington	Granville	Gardner	Freetown	Franklin	Franingham	Falmouth	Fairhaven	Foxborough	Florida	Fitchburg	Edgartown	Easton	East Longmeadow	Easthampton	Eastham	Egremont	Dracut	Dunstable	Dudley	Dover	Dighton	TO THE LOCAL CO.	Dennis	Dedham	Dartmouth	Denvers	Dalton
the state of the s	Norwood	Northampton	North Adams	North Attleborough	* **	New Martborough	New Bediord	THOUSE T	A STE	Nation	8	Nonth retorior	そのはす だらずのはなったりま	Sonto	Zonson .	701	Militorn.	55. 1 1-5. 1 1-6. 1 1-6. 1 1-6. 1 1-6. 1	Milbury	Middleffeld	Middleborough	Mendon	Medway	Medford	Mediciela	Maymard	Marshrield.	Lunenburg	Longmendov		relegter		Lanesborough	lakeville	Huntington	Hudson	Hopkinton	Holliston
	Tolland	Tisbury	Taunton	Swansea	Sutton	Sudbury	Stoughton	. occarbridge	poncer	SOUTHWICK	Continue ton	south nadley	South H-11	pour morough	ocoler ver	Concessorry	ore corn	Charter			Sharon	N P P P P P P P P P P P P P P P P P P P	Savov	Walle of the second of the sec	Outpey	Princeton	TO THE PARTY OF TH	Divinost	D + 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 C	TO THE STATE OF TH	Pambroka	78 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Orinana	Oranga		O De Taranta

West Newbury

West Bridgewater

Westborough Westfield

Wenham

Wellesley

Wellfleet

Washington

Webster

Weston

Westport

West Springfield West Stockbridge

Westwood

Wayland

.Winchester

Winchendon

Williamstown

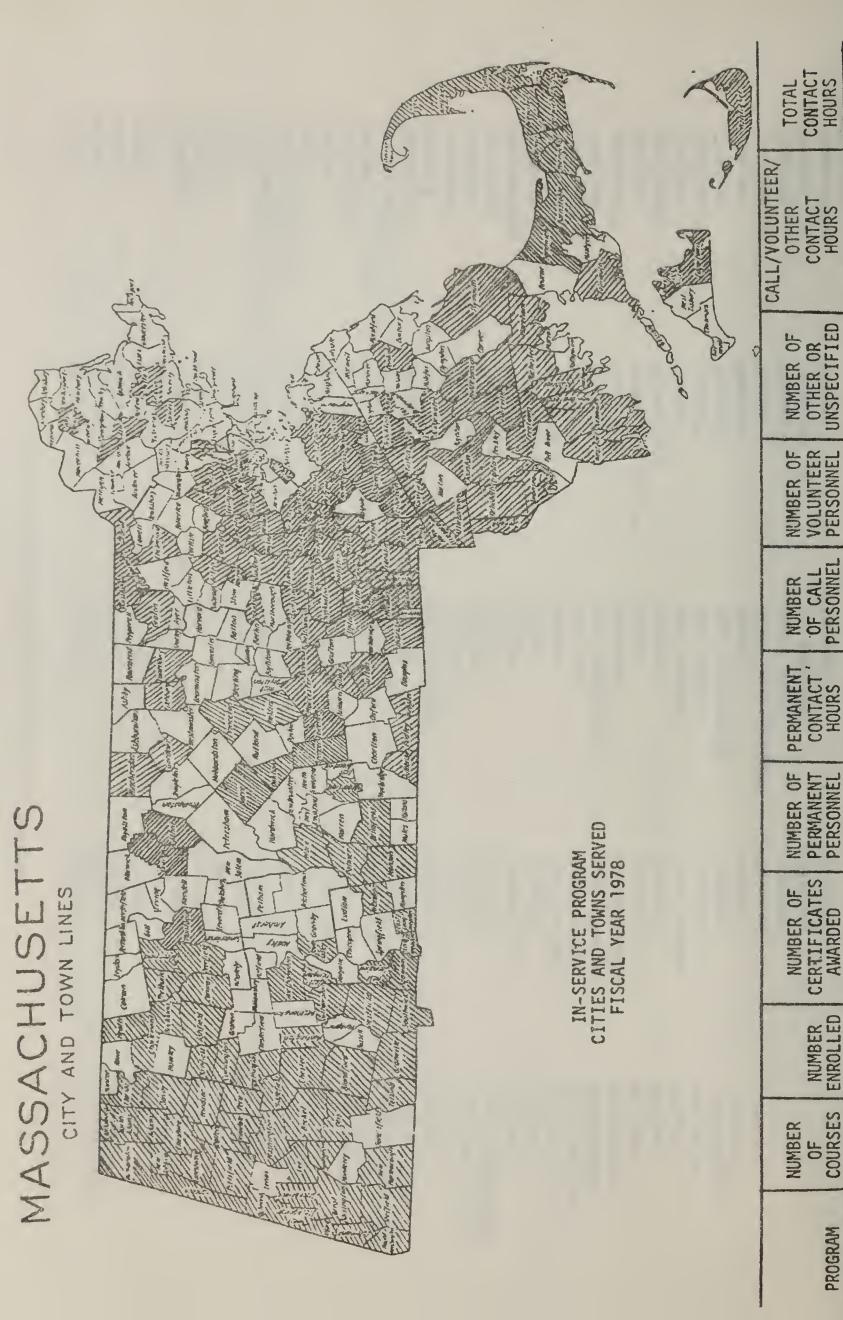
Woburn

Worthington

Worcester

Wrentham Yarmouth Whitman

Windsor



COURSES

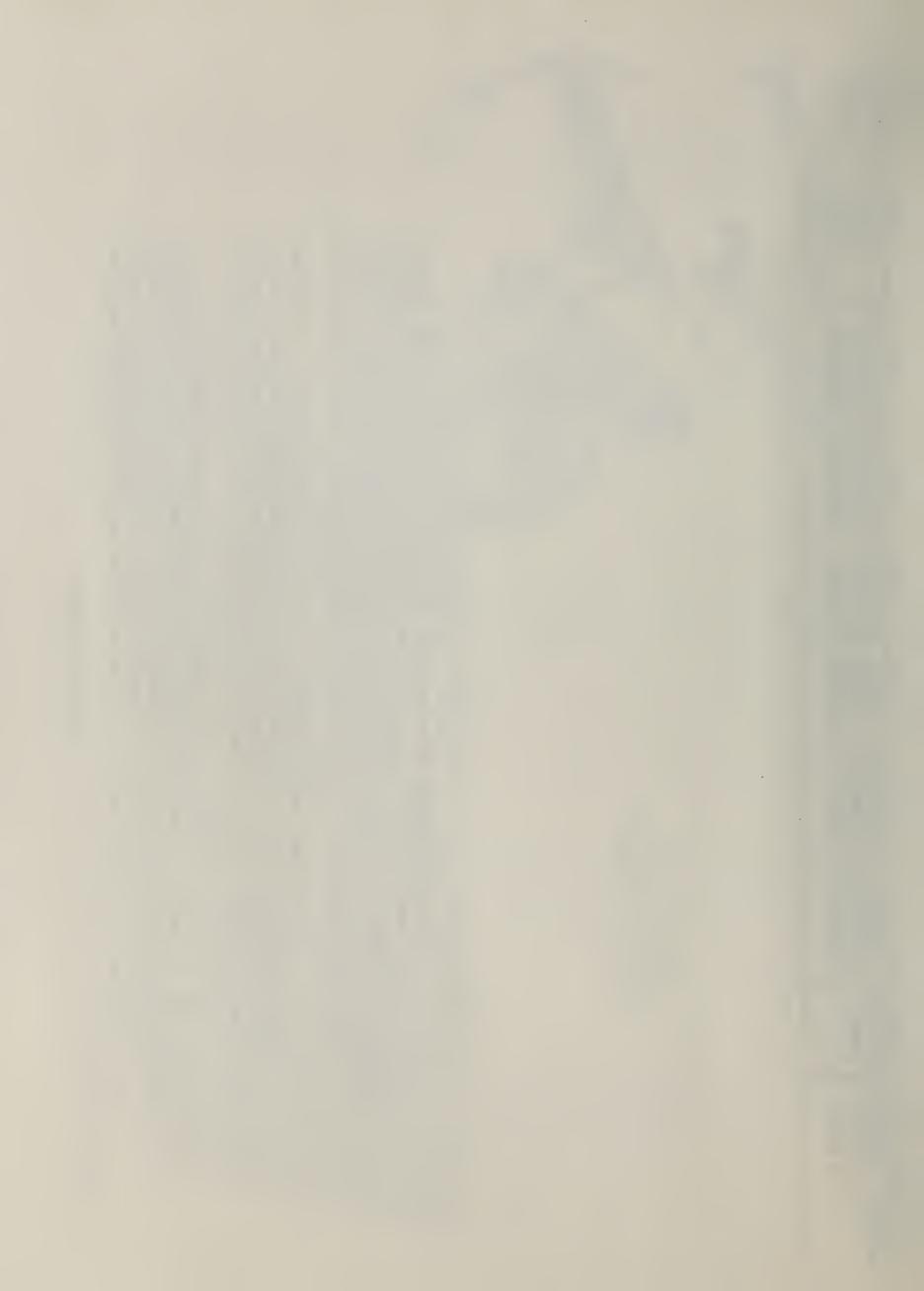
PROGRAM

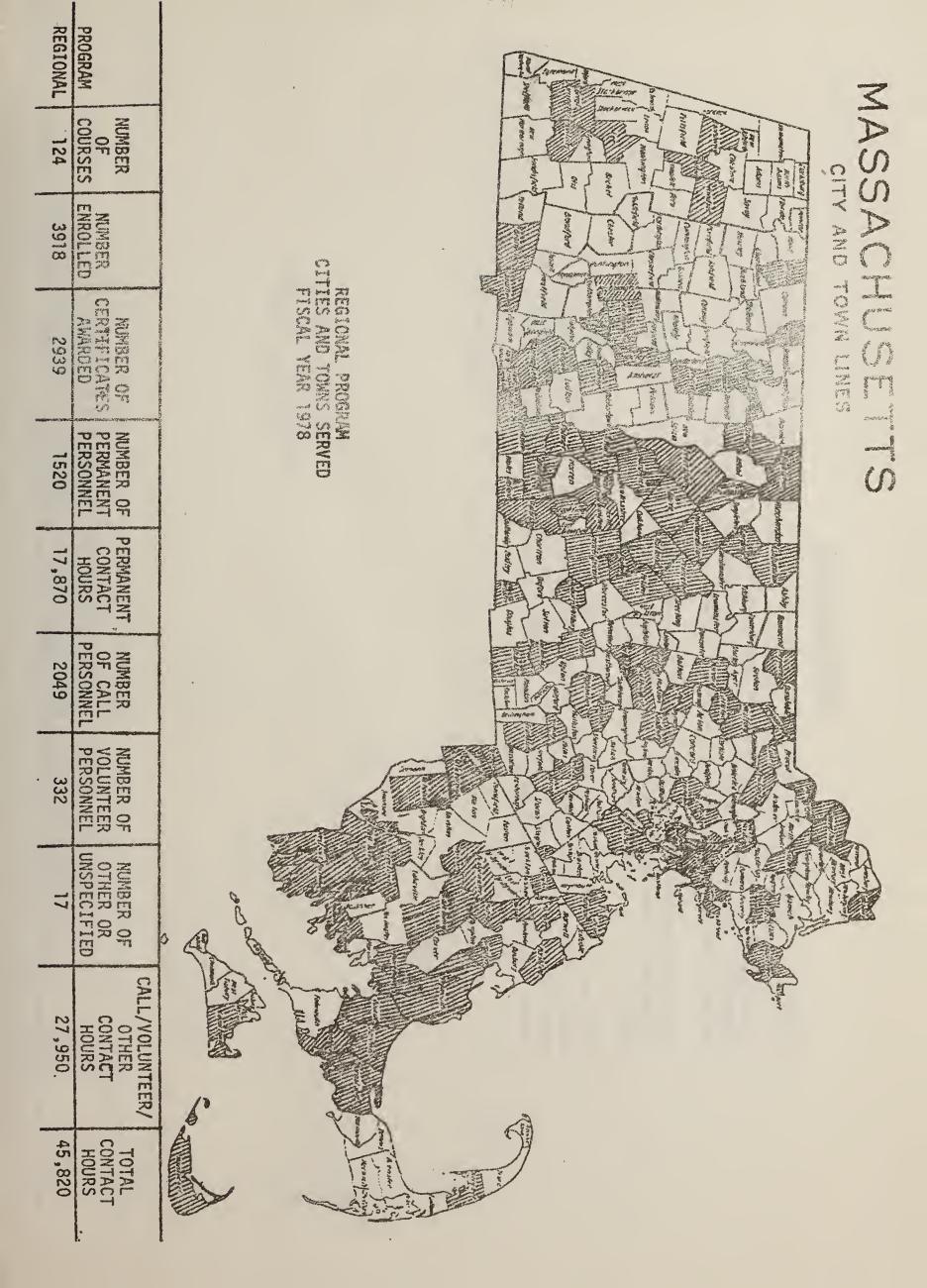
REGIONAL PROGRAM

system, the local departments of the Commonwealth. Courses such as Vehicle Extrication, service, enabling the Academy to bring necessary training courses to the delivery fire service with comprehensive, hands-on training. Protective Breathing Apparatus, Search and Rescue, and Flammable Liquids provide the The Massachusetts Firefighting Academy's Regional Program serves as an outreach

success, is scheduled for Fiscal Year 1979 throughout the Commonwealth. "Today's Company Officer" was pilot tested in Fiscal Year 1978 and because of its as leadership and management and tactics and strategy. The new officer's program, In addition, courses are provided to aid the officer, or future officer, in such areas

courses would continue their training with additional regional courses firefighting skills. It is expected that communities availing themselves of the mini-Program. In 24 hours, the course attempts to at least offer an introduction to basic unable to take advantage of the Massachusetts Firefighting Academy's Recruit Training The regional program also offers a 'Mini-Course" to call and volunteer departments

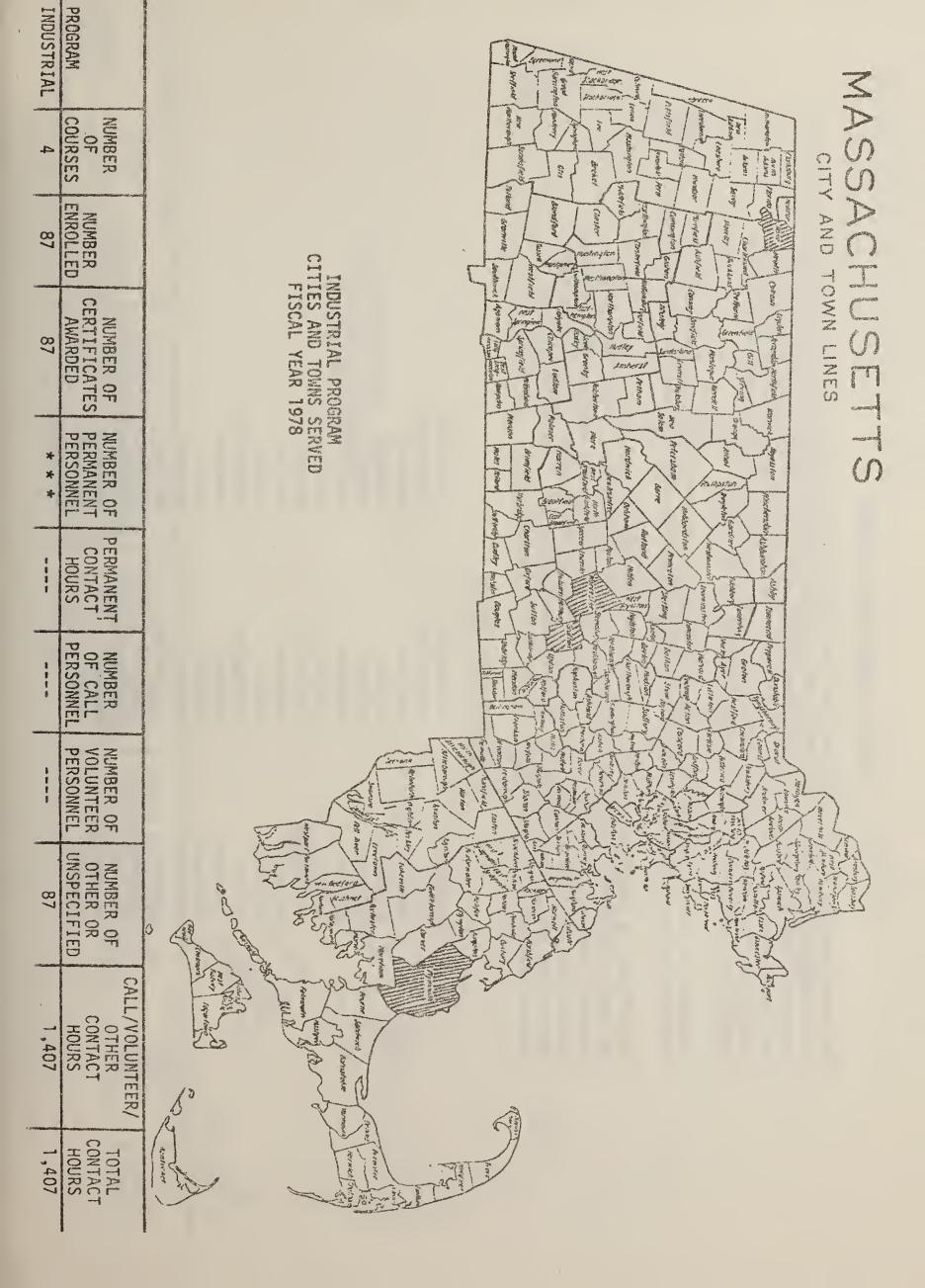




INDUSTRIAL PROGRAM

responders until the fire department having jurisdiction can reach the scene of the emergency. Often an effective attempt at containment by an industry's fire brigade It is imperative that industrial concerns are adequately trained to serve as first Industry, in this or any state, carries the potential for severe fire disasters. can make the difference between a minor incident and a major loss.

The Massachusetts Firefighting Academy has attempted to work closely with various Industrial concerns throughout the Commonwealth in an effort to offer the most pertinent fire training for the particular industry. Efforts this year included training for personnel at Boston Edison, Yankee Atomic It is interesting to note that these concerns continue to come back to the Massachusetts Firefighting Academy for training and have expressed their desire to return in the future. Plant, Pilgrim Nuclear Plant, and the Wyman Gordon Company.



POLICE - CORRECTIONAL PROGRAM

The Massachusetts Firefighting Academy has long recognized that the fire department important that the police, as first responders, recognize their responsibility and responders with an awareness of the fire department's job so as to promote greater the dangers involved. The Police program was designed to provide these first is not always the first to arrive at the scene of an emergency incident. cooperation between police and fire personnel on the scene.

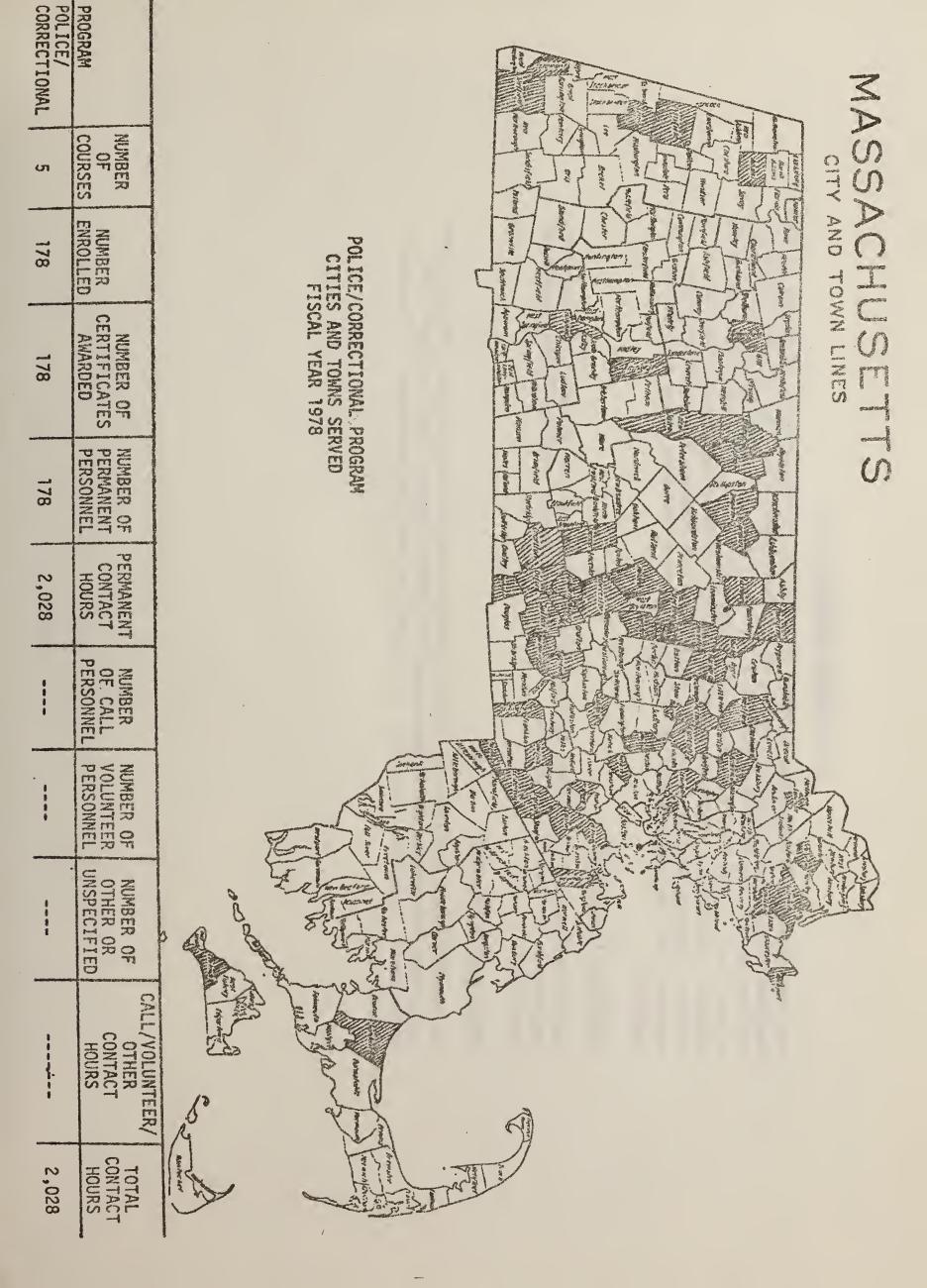
students in the program has indicated a greater understanding between the two entitles. Response to this course in Fiscal Year 1978 has been heartening and the response of

In addition, a program was given to correctional officers designed to train them in present a unique problem in life safety. These buildings are designed for security and yet arrangements must be made for evacuation in emergencies. This course was These facilities taught with the intent of heightening awareness and again, cooperation between the basics as first responders inside correctional facilities. correctional officials and their responding fire departments.

Cities And Towns Served

Pittsfield	Plainville	Rockport	Sandwich	Sharon	Sheffield	Shirley	Spencer	Sterling	Sutton	Templeton	Townsend	Upton	Wayland	Webster	Wellesley	Westford	Westwood	Weymouth
-	* 1	Erne								-	-							
Georgetown	Greenfield	Remilton	Farvard	Holden	Holyoke	Ipswich	Lancaster	Lawrence	Lenox	Lexington	Maynard	M111bury	Miton	New Salem	Norfolk	Northbridge	Orange	Oxford
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Acton	Adams	Amherst	Arlington	Ashland	Athol	Auburn	Bellingham	Billerica	Boylston	Canton	Charlton	Ch11mark	Clinton	Concord	Eagremont	Fitchburn	Foxborough	Gardner

Worcester



SPECIAL PROGRAMS

The Massachusetts Firefighting Academy established, in late winter, an office of Special task was an all day Hazardous Materials Seminar given by a nationally recognized expert Service. The office scheduled a seminar in May for Building Construction for the Fire expected that the program will be re-scheduled at a time when there will be less of a in the field, Chief Warren Isman of the Montgomery County, Maryland, Fire and Rescue Programs to address the special needs of the Commonwealth's fire service. The first Service, however, due to a lack of registration the program had to be cancelled. conflict

NATIONAL FIRE ACADEMY

The Massachusetts Firefighting Academy held the first of the National Fire Academy's programs to be given in this area ... a four day seminar entitled "Labor/Management Relations".

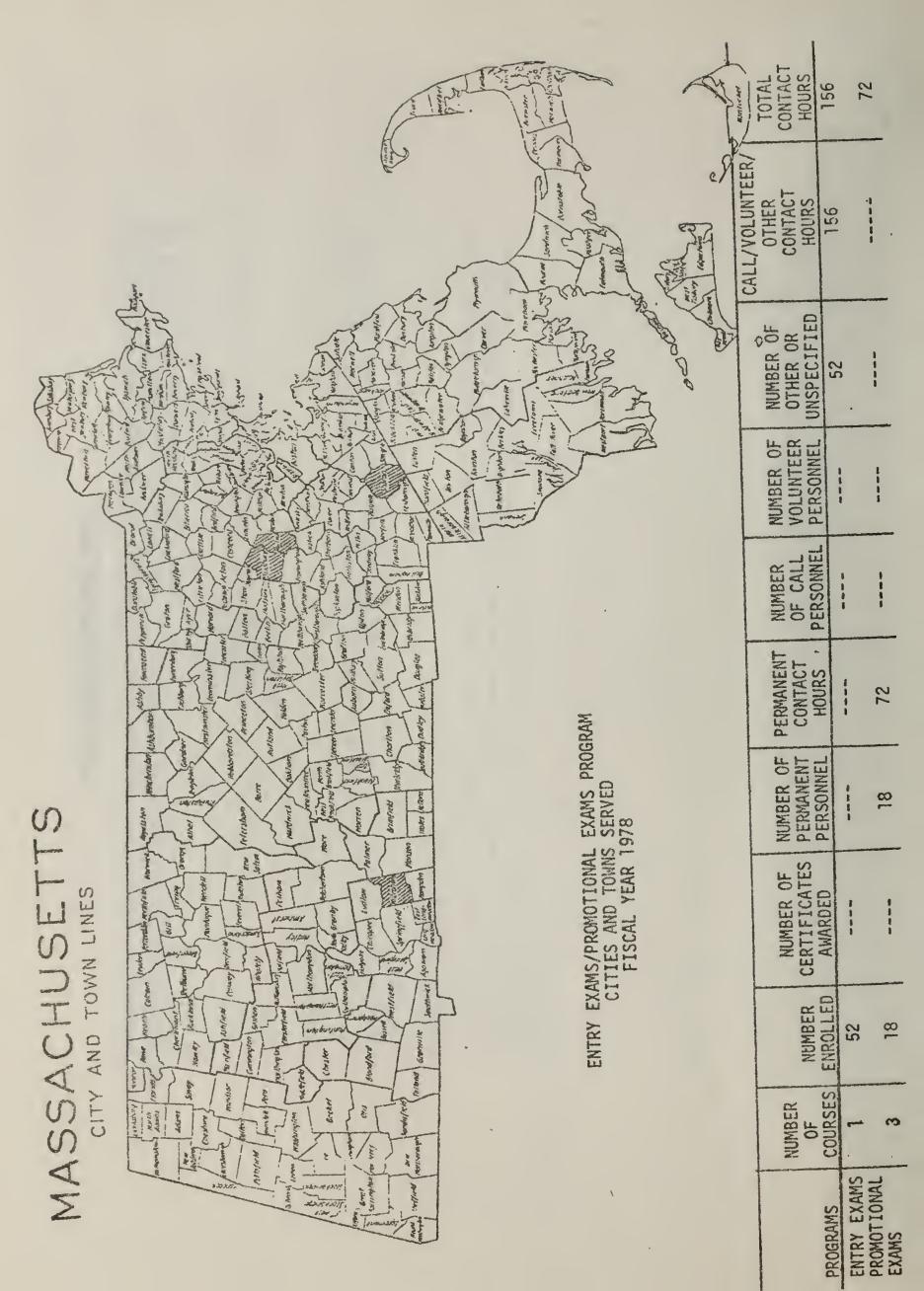
PHYSICAL FITNESS EXAMS

The Massachusetts Firefighting Academy conducts the physical fitness exam for those departments throughout the state, in conjunction with the Department of Personnel people who have passed the written exam for entry into the "Civil Service" fire Administration.

ENTRY AND PROMOTIONAL EXAMS

of entry level and promotional exams. The Massachusetts Firefighting Academy provides, as a service to those departments not included in Civil Service, assistance in the preparation, administration, and grading

Sharon Sudbury Wayland Wilbraham



MEDIA CENTER

The library is available to all personnel for the utilization of books, periodicals, and films for reference purposes. The Massachusetts Firefighting Academy also has requesting assistance. an extensive film-for-loan library available to those departments or organizations

Cities And Towns Served

Marlborough	Malden	Lynn	Lexington	Hudson .	Holbrook	Harvard	Groveland	Great Barrington	Grafton	Dudley	Concord	Cohasset	Charlton	Cambridge	Boxborough	Boston	Bedford	Avon	Ashburnham	Acton
Woburn	Winchendon	Weston	Westborough	Wellesley	Warren	Waltham	Truro	Sudbury	Stow	Southborough	Shrewsbury	Seekonk	Revere	Plymouth	Northbridge	Northborough	Millis	Methuen	Medford	Marshfield

MASSACHUSETTS CITY AND TOWN LINES

MEDIA CENTER - COMMUNITIES SERVED - FISCAL YEAR 1978

Office of Chief of Fire Training -

This office is comprised of the Chief of Fire Training Joseph L. Donovan,
Assistant Chief of Fire Training John E. Harrington, Secretary to the Chief,
and an evaluation unit as well as the actual expenses for the Massachusetts Fire
Training Council.

Office of Administrative Services -

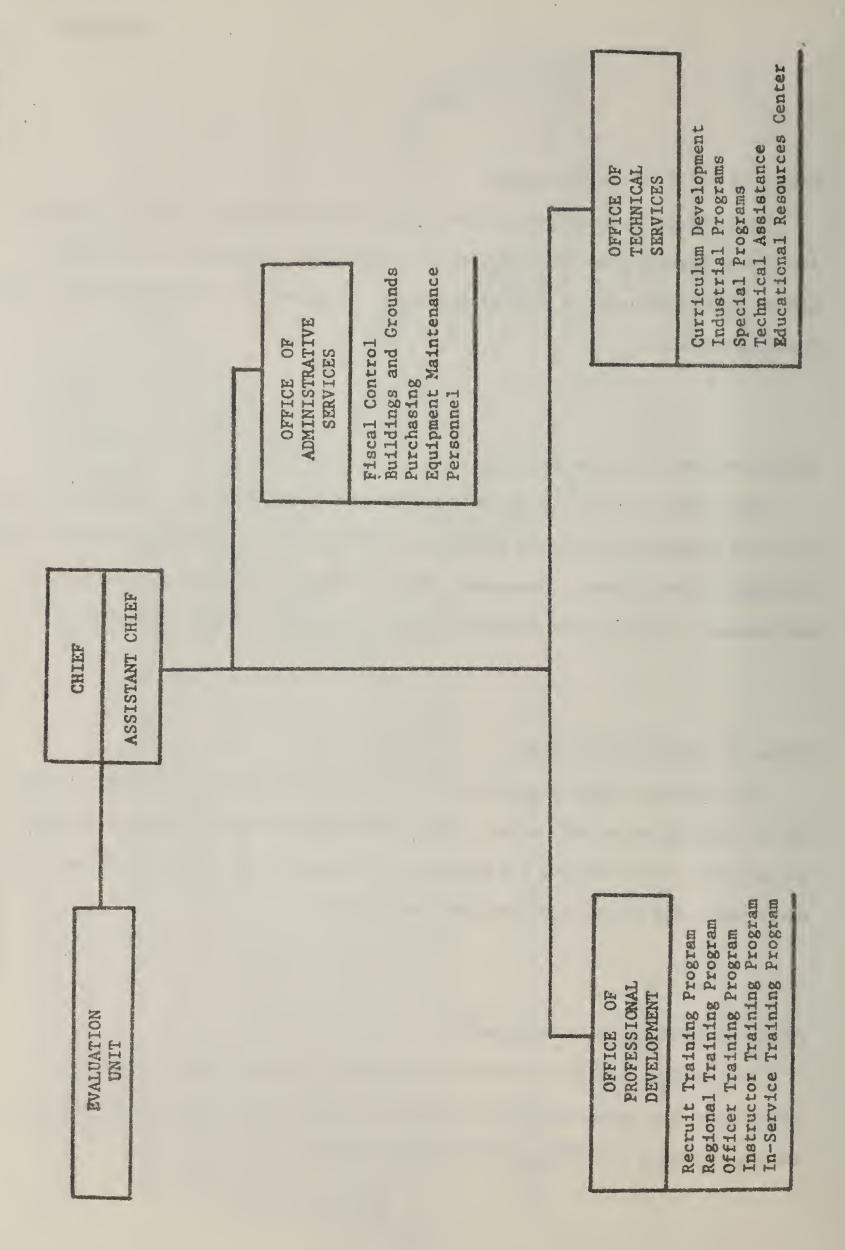
This office, under the direction of Deputy Chief Francis E. Winslow, works in close cooperation with the Department of Education to maintain the day to day business of the Academy. Personnel, fiscal control, building and equipment maintenance, logistics and purchasing are all handled through this office.

Office of Technical Services -

This office, under the direction of Deputy Chief Stephen D. Coan, serves as an identification unit where various fire training needs, for a wide range of personnel, are assessed and programs are designed and developed to meet those needs under the guidance of program coordinators.

Office of Professional Development -

This office, under the direction of Deputy Chief Linwood E. Lowell, constitutes the actual delivery system for courses and programs designed and developed within the Office of Technical Services.



FISCAL YEAR 1978 - ACTUAL EXPENDITURES

Office of Chief of Fire Training	\$ 56,711.00	11.57%
Office of Administrative Services	78,870.00	16.09%
Office of Professional Development	264,484.00	53.96%
Office of Technical Services	90.083.00 \$490,148.00	18.38% 100.00%

